



### **City of Durham**

Forty-five percent of Durham's service area is in the Neuse River basin (10-1) with 55 percent in the Haw River basin (2-1). Prior to 1993, Durham's only water sources were in the Neuse River basin, creating a transfer from the Neuse to the Haw River basins. Based on the existing infrastructure in 1993, Durham has a grandfathered transfer capacity of 45.4 million gallons per day.

In 2002, Durham received an allocation of 10 percent of the water supply storage in Jordan Lake. Since this water supply is located in the Haw River basin, it provides Durham with a non-transfer water supply alternative for the portion of its service area in the Haw River basin. Since Durham had a net transfer from the Neuse River basin to the Haw River basin, the water supply from Jordan Lake serves to reduce its surface water transfer. Prior to receiving a Jordan Lake allocation, Durham's interbasin transfer worksheets estimated that the city would need a certificate after 2050. However, access to the Jordan Lake water supply pool will push the threshold further into the future. Based on available information, Durham will not need to apply for an interbasin transfer certificate for the foreseeable future.

### **Cary/ Apex/ Morrisville/ Wake County**

Cary, Apex and Morrisville, and Wake County together hold an interbasin transfer certificate for a combined transfer of 24 million gallons per day from the Haw River basin (2-1) to the Neuse River basin (10-1). This certificate was approved by the state Environmental Management Commission on July 12, 2001. These systems use water from the Cary-Apex intake on Jordan Lake and discharge treated wastewater from their existing wastewater treatment plants located on tributaries of the Neuse River. The towns are required to submit annual reports summarizing their estimated transfers. These reports and the certificate can be found on the division's website at [http://www.ncwater.org/Permits\\_and\\_Registration/Interbasin\\_Transfer/](http://www.ncwater.org/Permits_and_Registration/Interbasin_Transfer/).

### **Franklin County/ KLRWS**

The Kerr Lake Regional Water System is a regional provider of drinking water. The system provides water from Kerr Lake in the Roanoke River basin to Henderson and Oxford, and Warren County. These three customers, in turn, provide water to portions of Vance, Granville, Franklin and Warren counties. Currently, a small portion of the water supplied to Franklin County, less than 0.3 million gallons per day, is being transferred to the Neuse River basin. However, the volume of the transfer is projected to grow to more than 2 million gallons per day by the year 2040. In February 2009, the Kerr Lake Regional Water System submitted a notice of intent to request an interbasin transfer certificate from the Environmental Management Commission. In the notice, the Kerr Lake Regional Water System requested an increase from its grandfathered capacity of 10 million gallons per day up to 24 million gallons per day, including a transfer of 2.4 million gallons per day from the Roanoke River basin to the Neuse River basin. These transfer amounts are based on water use projections to the year 2040. More information on the status of this proposed transfer can be found on this division's website at [http://www.ncwater.org/Permits\\_and\\_Registration/Interbasin\\_Transfer/](http://www.ncwater.org/Permits_and_Registration/Interbasin_Transfer/).